IFW

Approved for use through 07/31/2006. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. **Application Number** 10/767,807 TRANSMITTAL Filing Date 1/29/04 **FORM** First Named Inventor Moskvitin Art Unit TBD (to be used for all correspondence after initial filing) **Examiner Name** N/A Attorney Docket Number 00100.03.0017 Total Number of Pages in This Submission **ENCLOSURES** (Check all that apply) After Allowance communication to Group Fee Transmittal Form Drawing(s) Appeal Communication to Board Licensing-related Papers of Appeals and Interferences Fee Attached Appeal Communication to Group Petition (Appeal Notice, Brief, Reply Brief) Amendment/Reply Petition to Convert to a Proprietary Information Provisional Application After Final Power of Attorney, Revocation Status Letter Change of Correspondence Address Affidavits/declaration(s) Other Enclosure(s) (please **Terminal Disclaimer** Identify below): **Extension of Time Request** IDS Cover Sheet; 2 cited Request for Refund **Express Abandonment Request** references; return postcard CD, Number of CD(s) Information Disclosure Statement Remarks Certified Copy of Priority Document(s) Response to Missing Parts/ Incomplete Application Response to Missing Parts under 37 CFR 1.52 or 1.53 SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT Firm Timothy J. Bechen Reg. No. 48,126 Individual name Signature Date **6**/18/04 CERTIFICATE OF TRANSMISSION/MAILING I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below. Typed or printed name Karenina Oliver

This collection of information is requixed by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Signature

Date

5/18/04





## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Moskvitin

Examiner: N/A
Art Unit: TBD

Serial No.: 10/767,807

Our File No.: 00100.03.0017

Filing Date: January 29, 2004

Docket No.: 00100.03.0017

Title: METHOD AND APPARATUS FOR REMOVING IMAGE COMPRESSION

**ARTIFACTS** 

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Certificate of First Class Mailing
I hereby certify that this paper is being sent via first class
mail, postage prepaid, in an envelope addressed to: Comm.
For Patents, P.O. Box 1450; Alexandria, VA 22313-1450, on

this date. <u>05/18/04</u>

Date Karenina Olive

## INFORMATION DISCLOSURE STATEMENT IN ACCORDANCE WITH 37 CFR §§ 1.97(C) AND 1.98

Pursuant to 37 CFR §§ 1.97(C) and 1.98, Applicant respectfully submits the following statement consisting of:

- 1. A list of documents;
- 2. General remarks.

A copy of the listed document is enclosed herewith along with Form PTO/SB/08A.

- 1. Documents
- B. Ramamurthi; A. Gersho, *Nonlinear Space-Variant Post Processing of Block Coded Images*, IEEE Transactions on Acoustics, Speech & Signal Processing, Vol. ASSP-34, October 1986, pp. 1258-1268
- A. Zakhor, *Iterative Procedure for Reduction of Blocking Effects in Transform Image Coding*, IEEE Transactions on Circuits & Systems for Video Technology, Vol. 2, #1, March 1992, pp. 91-95

## 2. General Remarks

The submission of the above documents is not an admission that the information is prior art, analogous or otherwise material. It is respectfully requested that the above-listed patents be considered and made of record in the present application.

Date: May 18, 2004

Timothy I Recher

Respectfully submitted,

Registration No. 48,126

VEDDER, PRICE, KAUFMAN & KAMMHOLZ, P.C. 222 N. LaSalle Street Chicago, IL 60601 (312) 609-7870

FAX: (312) 609-5005

PTO/SB/08A (02-03)

Approved for use through 04/30/2003. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

Sheet

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known		
Application Number	10/767,807	
Filing Date	January 29, 2004	
First Named Inventor	Moskvitin	
Art Unit	TBD	
Examiner Name	N/A	
Attorney Docket Number	00100.03.0017	

			U. S. PATEN	DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (# known)			rigules Appeal
		US- 5,850,294	12/15/98	Apostopoulos et al.	
		US- 5,852,475	12/22/98	Gupta et al.	
		US-			
		US-			
	<u> </u>	US-			
		US-			
	1	US-			
	l	US-			
		US-			
		US-			
		US-	-		
_		US-			
		US-			
		US-			
-		US-			
		US-			

	FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	MM-DD-YYYY		Or Relevant Figures Appear	T°
						$oxed{oxed}$
						_
		**				

Examiner	Date	
Signature	Considered	
Signature		

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁵ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

PTO/SB/08B (02-03)

Approved for use through 04/30/2003. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCI Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449/PTO	e required to respond to a collection of information unless it contains a valid OMB control number.  Complete if Known		
	Application Number	10/767,807	
<b>INFORMATION DISCLOSURE</b>	Filing Date	January 29, 2004	
STATEMENT BY APPLICANT	First Named Inventor	Moskvitin	
	Art Unit	TBD	
(Use as many sheets as necessary)	Examiner Name	N/A	
Sheet of	Attorney Docket Number	00100.03.0017	

OTHER PRIOR ART-NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
		B. RAMAMURTHI, A. GERSHO, Nonlinear Space-Variant Post Processing of Block Coded Images, IEEE Transactions on Acoustics, Speech & Signal Processing, Vol. ASSP-34, October 1986, pp. 1258-1268	
		A. ZAKHOR, Iterative Procedure for Reduction of Blocking Effects in Transform Image Coding, IEEE Transaction on Circuits & Systems for Video Technology, Vol. 2, #1, March 1992, pp. 91-95	

	· · · · · · · · · · · · · · · · · · ·		
Examiner		Date	
Signature		Considered	

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.